| -  | 1856  | (seat near5 (square or rectang\$4 or non-circular)) and center\$3             | USPAT;<br>US-PGPUB;  | 2003/04/08 08:32 |
|----|-------|-------------------------------------------------------------------------------|----------------------|------------------|
|    |       |                                                                               | EPO; JPO;            |                  |
|    |       | <u>.</u>                                                                      | DERWENT              |                  |
| -  | 194   | ((seat near5 (square or rectang\$4 or non-circular)) and center\$3) and       | USPAT;               | 2003/04/08 08:30 |
|    |       | piston                                                                        | US-PGPUB;            |                  |
|    |       |                                                                               | EPO; JPO;            |                  |
|    |       |                                                                               | DERWENT              |                  |
| -  | 460   | (seat near5 (square or rectang\$4 or non-circular)) and center\$3 and (air or | USPAT;               | 2003/04/08 08:32 |
|    |       | pnuematic)                                                                    | US-PGPUB;            |                  |
|    | 1     |                                                                               | EPO; JPO;            |                  |
|    |       |                                                                               | DERWENT              |                  |
| -  | 84    | ((seat near5 (square or rectang\$4 or non-circular)) and center\$3 and (air   | USPAT;               | 2003/04/08 08:32 |
|    |       | or pnuematic)) and piston                                                     | US-PGPUB;            | 1                |
| ļ  |       |                                                                               | EPO; JPO;            |                  |
|    |       |                                                                               | DERWENT              |                  |
| -  | 384   | center\$3 same seat near5 (square or rectang\$4 or non-circular)              | USPAT;               | 2003/04/08 09:03 |
|    |       |                                                                               | US-PGPUB;            |                  |
|    |       |                                                                               | EPO; JPO;            |                  |
|    |       |                                                                               | DERWENT              |                  |
| -  | 83    | (center\$3 same seat near5 (square or rectang\$4 or non-circular)) and (air   | USPAT;               | 2003/04/08 09:13 |
|    |       | or pnuematic)                                                                 | US-PGPUB;            |                  |
|    |       |                                                                               | EPO; JPO;            |                  |
|    |       |                                                                               | DERWENT              |                  |
| -  | 12810 | (prevent\$3 or anti) with rotation same (center or centering or centre)       | USPAT;               | 2004/08/11 10:53 |
|    |       |                                                                               | EPO; JPO;            |                  |
|    | Į.    |                                                                               | DERWENT              |                  |
| -  | 5628  | (prevent\$3 or anti) with rotation with (center or centering or centre)       | USPAT;               | 2004/08/11 10:55 |
|    | 1     |                                                                               | EPO; JPO;            |                  |
|    |       |                                                                               | DERWENT              |                  |
| -  | 182   | anti adj rotation with (center or centering or centre)                        | USPAT;               | 2004/08/11 10:54 |
|    |       |                                                                               | EPO; JPO;            |                  |
|    |       |                                                                               | DERWENT              |                  |
| -  | 218   | (prevent\$3 or anti) with rotation with (center or centering or centre) same  | USPAT;               | 2004/08/11 11:06 |
|    |       | seat                                                                          | EPO; JPO;            |                  |
|    |       |                                                                               | DERWENT              |                  |
| -  | 25105 | (method or device) with centering                                             | USPAT;               | 2004/08/11 11:07 |
|    |       |                                                                               | EPO; JPO;            |                  |
|    | 6072  | most ad wist and wist                                                         | DERWENT              | 2004/00/11 11 05 |
| 1- | 6072  | method with centering                                                         | USPAT;               | 2004/08/11 11:07 |
|    |       |                                                                               | EPO; JPO;            | ,                |
|    | 196   | (method with centering) and (prevent\$3 or anti) near3 rotation               | DERWENT              | 2004/09/11 11:00 |
| 1  | 170   | (method with centering) and (prevents) of anti) hears folation                | USPAT;               | 2004/08/11 11:09 |
|    |       |                                                                               | EPO; JPO;<br>DERWENT |                  |
|    | 111   | ((method with centering) and (prevent\$3 or anti) near3 rotation) and         | USPAT;               | 2004/09/11 11:50 |
| _  | '''   | (inflat\$4 or deflat\$4 or pressur\$3)                                        | EPO; JPO;            | 2004/08/11 11:59 |
|    |       | (au ) or definite i or pressures)                                             | DERWENT              |                  |
| _  | 1799  | (method with centering) and (inflat\$4 or deflat\$4 or pressur\$3)            | USPAT;               | 2004/08/11 11:59 |
| -  | 1///  | (method with centering) and (mhats4 of deflats4 of pressurs5)                 | EPO; JPO;            | 2004/06/11 11.39 |
|    |       |                                                                               | DERWENT              |                  |
| .  | 2133  | 248/562,566,610,631,632,634,638.ccls.                                         | USPAT                | 2004/08/11 12:18 |
| .  | 605   | 248/562,566,610,631,632,634,638.ccls. and rotation\$4                         | USPAT                | 2004/08/11 12:18 |
| .  | 135   | 248/562,566,610,631,632,634,638.ccls. and rotation\$4 with (anti or           | USPAT                | 2004/08/11 12:19 |
|    |       | prevent\$4)                                                                   |                      |                  |
| -  | 140   | 248/562,566,610,631,632,634,638.ccls. and rotation\$4 with (anti or           | USPAT;               | 2004/08/11 12:28 |
| [  |       | prevent\$4)                                                                   | EPO; JPO;            |                  |
|    |       | ·                                                                             | DERWENT              |                  |
| -  | 14    | 248/562,566,610,631,632,634,638.ccls. and rotation with (anti or              | USOCR                | 2004/08/11 12:29 |
|    |       | preventing or prevention)                                                     |                      |                  |
| -  | 3     | 2610016.URPN.                                                                 | USPAT                | 2004/08/11 12:32 |
| -  | 280   | (248/631).CCLS.                                                               | USPAT                | 2004/08/11 13:17 |
| -  | 41    | 248/631,632.ccls. and rotation\$4 with (prevent\$4 or anti or stop)           | USPAT;               | 2004/08/11 13:55 |
|    |       | · · · · · · · · · · · · · · · · · · ·                                         | US-PGPUB             |                  |
| •  | 10    | 248/631,632.ccls. and rotation\$4 with (prevent\$4 or anti or stop)           | USOCR                | 2004/08/11 13:56 |



| - | 152   | (248/188.3).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;    | 2004/08/11 15:20 |
|---|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB  |                  |
| - | 58699 | (method or device or apparatus) near3 align\$4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT     | 2004/08/12 07:18 |
|   | 17494 | ((method or device or apparatus) near3 align\$4).clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT     | 2004/08/12 07:22 |
| - | 6178  | (method near3 align\$4).clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USPAT     | 2004/08/12 07:20 |
| • | 4002  | (method near2 align\$4).clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USPAT     | 2004/08/12 07:20 |
|   | 1792  | (method adj align\$4).clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT     | 2004/08/12 07:20 |
| - | 1692  | (method adj aligning).clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT     | 2004/08/12 07:21 |
| - | 103   | (method adj alignment).clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USPAT     | 2004/08/12 07:21 |
| - | 440   | (((method or device or apparatus) near3 align\$4).clm.) and 359/\$.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT     | 2004/08/12 07:31 |
| - | 205   | 267/136,141,64.11-64.28.ccls. and (prevent\$4 or anti or stop\$4) with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | USPAT     | 2004/08/12 07:33 |
|   |       | rotat\$5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                  |
| - | 231   | 267/136,141,64.11-64.28.ccls. and (prevent\$4 or anti or stop\$4) with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | USPAT;    | 2004/08/12 07:56 |
|   |       | rotat\$5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EPO; JPO; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DERWENT   |                  |
|   | 57    | Newport-corporation.as.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT;    | 2004/08/12 08:00 |
|   |       | The state of the s | US-PGPUB; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EPO; JPO; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DERWENT   |                  |
| - | 0     | Newport-corporation-\$.as.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;    | 2004/08/12 07:55 |
|   |       | • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EPO; JPO; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DERWENT   |                  |
| - | 11    | Newport-corporation.as. and (prevent\$4 or anti or stop\$4) with rotat\$5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT;    | 2004/08/12 07:56 |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EPO; JPO; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DERWENT   |                  |
| - | 0     | Houghton-worthington-\$in.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;    | 2004/08/12 08:01 |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB; |                  |
|   | ,     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EPO; JPO; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DERWENT   |                  |
| - | 6     | Houghton-worthington-\$.in.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USPAT;    | 2004/08/12 08:04 |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB, |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EPO; JPO; |                  |
|   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DERWENT   |                  |